

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA2004/000861

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D417/12 A61K31/427 C07D417/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 96/13500 A (MERCK FROSST CANADA INC ; DELORME DANIEL (CA); DUCHARME YVES (CA); FRI) 9 May 1996 (1996-05-09) cited in the application page 111 - page 116; claims 1,4,20 page 41; example 4	1-43
Y	US 5 424 320 A (FORTIN REJEAN ET AL) 13 June 1995 (1995-06-13) column 46 - column 47; claim 1 column 1, line 56 - line 68 ----- -/--	1-43

☒ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex

* Special categories of cited documents

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- * & * document member of the same patent family

Date of the actual completion of the international search

29 October 2004

Date of mailing of the international search report

12/11/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	<p>CRAWLEY, GRAHAM C. ET AL: "Chiral Dioxolane Inhibitors of Leukotriene Biosynthesis: Structure-Activity Relationships and Syntheses Using Asymmetric Dihydroxylation" JOURNAL OF MEDICINAL CHEMISTRY, vol. 38, no. 20, 1995, pages 3951-3956, XP002303276 page 395; column 1, second paragraph; and column 2, Chart 1, the compounds 3 and 8 -----</p>	1-43

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Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 10-19 and 26-35 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9613500	A	09-05-1996	US 5552437 A	03-09-1996
			AT 201409 T	15-06-2001
			AU 689656 B2	02-04-1998
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			WO 9613500 A1	09-05-1996
			DE 69521054 D1	28-06-2001
			DE 69521054 T2	22-11-2001
			EP 0788497 A1	13-08-1997
			ES 2156961 T3	01-08-2001
			JP 10507767 T	28-07-1998
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